

REMARKS

Drawings

Figure 1 has been amended to include the legend "Prior Art".

Claim Rejections - 35 U.S.C. §103

In the Office Action, the Examiner rejected the claims citing United States Patent No. 6,160,411 (Eliashberg et al.).

Independent claims 1 and 9 have been amended to specifically claim that the logic circuit selectively turns on the rows of test structures, while other rows remain off. Support for this amendment can be found, among other places, from page 6, line 19 to page 7, line 10 of the present application. In contrast, Eliashberg et al. discloses that each of the integrated circuit chips is powered during the entire test period (see col. 2, lines 8-10). This is because Eliashberg et al. deals with board level testing of DUT's, specifically for the burn-in environment. In contrast, the present invention effectively integrates a multiplexing function, on chip, wherein rows of DUT's are selectively turned on, while other rows are left off. Applicant respectfully submits that claims 1 and 9, and those claims which depend therefrom are allowable over the cited prior art, including Eliashberg et al.

Two new dependent claims have been added - claims 16 and 17: These claims specifically claim that the logic circuit is resettable wherein none of the test structures are turned on. Applicant respectfully submits that none of the cited prior art references, such as Eliashberg et al., disclose or suggest providing this. As such, Applicant respectfully submits that new claims

16 and 17 further distinguish the present invention from that which is disclosed in the cited prior art.

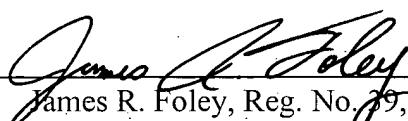
The present application has been amended in response to the Examiner's Office Action to place the application in condition for allowance. Applicant, by the amendments and remarks presented above, has made a concerted effort to present claims which clearly define over the prior art of record, and thus to place this case in condition for allowance.

Should the present claims not be deemed adequate to effectively define the patentable subject matter, the Examiner is respectfully urged to call the undersigned attorney of record to discuss the claims in an effort to reach an agreement toward allowance of the present application.

Respectfully submitted,

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By:



James R. Foley, Reg. No. 39,979
TREXLER, BUSHNELL, GIANGIORGI,
BLACKSTONE & MARR, LTD.
105 West Adams Street, 36th Floor
Chicago, Illinois 60603-6299
Tel: (312) 704-1890

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